# (19) World Intellectual Property Organization International Bureau



### 

#### (43) International Publication Date 18 October 2001 (18.10.2001)

### **PCT**

## (10) International Publication Number WO 01/78431 A1

(51) International Patent Classification<sup>7</sup>:
 (21) International Application Number:

101

PCT/FI01/00341

H04Q 7/30

(22) International Filing Date:

6 April 2001 (06.04.2001)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20000841

7 April 2000 (07.04.2000) F

- (71) Applicant (for all designated States except US): NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LATVA-AHO, Antti [FI/GB]; 40 Eastwood Road, Bramley, Guilford, Greater London GU5 0DS (GB). SUORANTA, Risto [FI/FI]; Louhikonkatu 6, FIN-33730 Tampere (FI).
- (74) Agent: KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

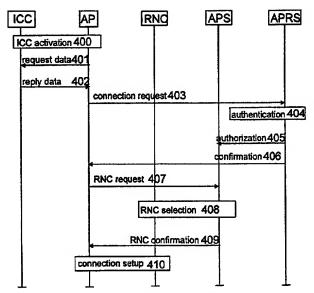
- (81) Designated States (national): AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CONNECTING ACCESS POINTS IN WIRELESS TELECOMMUNICATION SYSTEMS



(57) Abstract: A method of connecting an access point to other network elements in a wireless telecommunication system comprising at least one access point offering wireless connections, and at least one fixed network part. Data is stored on an IC card for connecting at least one access point to a functional connection with the fixed network part. The IC card is connected to a functional connection with the access point when the access point is to be connected to the fixed network part. Necessary resources of the fixed network part are connected to a functional connection with the access point on the basis of said stored data. As a precondition for the connection, the IC card's rights to use the resources of the fixed network part can be checked in the fixed network part.